

Catalogue of Crania

IN THE

MUSEUM OF THE
ANATOMICAL DEPARTMENT

OF THE

UNIVERSITY OF GLASGOW

BY

DR. CLELAND

GLASGOW:

Printed at the University Press by

ROBERT MACLEHOSE AND CO. LTD.

1909

David Murray
Glasgow
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CASE A.
ABNORMAL.

1. **Remarkable skull of young person.** Calvarium partly cut away. Occipito-sphenoidal sutures open, as also the frontal. Sockets of seven pairs of permanent teeth well formed but, like the palate, small. The whole skull is very light, and there are cribrous patches extensive on both parietals and the occipital probole, with one little patch on the upper part of the left frontal. Maxillary and frontal sinuses well developed, as also the mastoid cells. The base concave from side to side like that of old persons. The arch of the skull regular, broad and full, the curve coming down continuously so as to give full appearance behind foramen magnum. Very remarkable extensive series of wormian bones continuous in whole length of lambdoidal and squamous sutures forward to frontal bone. History unknown. (Allen Thomson Collection.)

2. **Adult cranium without face.** Remarkable wormian bones, one at back part of sagittal suture, one at each pterion, and one in outer wall of left orbit, between orbital plates of frontal and great wing of sphenoid.

3. **Adult skull,** with upper jaw twisted by undue elongation of right side. The pterygoid processes take part in the asymmetry. No lower jaw. (Allen Thomson Collection.)

4. **Adult skull**, with remarkable appearance of the front upper teeth. The incisors and canines are projected prognathously, while the two first incisors and the canine and second incisor of the right side have what looks like remains of the first dentition adherent to them. Upper right bicuspid united at tip of fangs. (Allen Thomson Collection.)

5. **Well-shaped adult female skull**, with outer and inner fang on the first upper left canine tooth. (J. C.)

6. **Scaphocephalus**. (Burns Collection.)

7. **Cast of another scaphocephalus**.

8. **Remarkable adult hydrocephalus**. The wisdom teeth have all been cut. Occipito-sphenoidal and frontal sutures both obliterated. The lambdoidal suture showing only a few very minute wormian bones. One large wormian bone, $1\frac{1}{2} \times \frac{2}{3}$ inches in diameter, is situated unsymmetrically at the site of the anterior fontanelle, and there are no others. Cranium said to be 116 cubic inches in capacity. Growth regular. Symmetrical. Upper teeth prognathous. Chin well developed. A cribrous band runs along the parietal and frontal bones on both sides, and to a less degree on each side of the sagittal suture. A mesial round opening, half an inch in diameter is found between the superior and inferior occipital ridges, indicating no doubt a hernial protrusion of cranial contents at an early foetal period. Atlas united to occipital by ankylosis.

9. **Large normal male British skull**, said to be of 137 cubic inches capacity. Bears name "Carter," but certainly bore no such name in 1863, and it is unlikely that the statement is authentic, whatever be the meaning of it.

10. **Labelled "British skull of the largest size**, of the regular oval form. Cranial capacity 117 cubic inches." Male. Dentition prognathous. Glabella greatly overhanging the root of the nose. No lower jaw.

11. **Large skull with base abnormally concave both laterally and longitudinally**. Cranial capacity marked 90 cubic inches. Such deformity has been imputed to habitual carrying of weights, such as bakers' trays, on the head. No lower jaw.

12. **Is labelled, "skull of remarkable character**. Adventitious occipital condyles, etc. See *Edinburgh Monthly Journal of Medical Science*, 1843, p. 1071. D. R. Rankin, 1877." 117 cubic inches. The alveolar arches of both jaws are greatly prolonged, and the pituitary fossa is very deep. Possibly a case of acromegaly.

IRISH.

13. **Female skull from Claregalway Abbey**, a few miles out from Galway, Ireland. No lower jaw. (J. C.)

14. **Skull of a very old, tall Irishman**, born in Ballinasloe, named Colahan. Parietal thinning has set in. One remarkable occipito-mastoid wormian. (J. C.)

15. **Labelled, "Irishman executed at Dundee, from Dr. Aitken."** (Allen Thomson Collection.)

16. **Irish male.** Claregalway Abbey. No lower jaw, upper imperfect. (J. C.)

17. **Irish female.** Claregalway Abbey. No lower jaw. (J. C.)

18. **Calvarium**, from Corcomroo Abbey, Clare, with remarkable rays of exostosis of inner table in frontal region, and a mesial and two-lateral parietal thinnings. (J. C.)

19. **Roof of Cranium** from Corcomroo Abbey, Clare. Remarkable parietal thinning, and a ridge on each side of the sagittal suture. (J. C.)

20. **Roof of skull** from Corcomroo Abbey, with three large wormian bones replacing the greater part of the occipital above the upper curved line. (J. C.)

BRITISH.

21. **Heavy male skull** bearing label that the capacity had been taken in the wet and in the dry state, and that brain and body had been weighed; but no record has been preserved. Huge occipital protuberance. (Allen Thomson Collection.)

22. **Heavy male skull.** Capacity marked 90 cubic inches. (Allen Thomson Collection.)

23. **Female, marked "J. G.,"** for Gordon, "75 cubic inches." (Allen Thomson Collection.)

24. **Female, marked "B,"** for Burns. (Allen Thomson Collection.)

25. **Female.** Wisdom teeth not cut, left and middle turbinated, enlarged. (Allen Thomson Collection.)

26. **Marked "J. G. ; skull figured in Gordon's Plates of the bones, 74 cubic inches."** (Allen Thomson Collection.)

27. Prepared from a male body in dissecting room by Dr. Mackay.

28. Sent anonymously by some one who wanted to get rid of it. The statements on it are unreliable. (J. C.)

29. **Male.** Capacity marked $80\frac{1}{4}$ cubic inches. (Allen Thomson Collection.)

30. Has been marked "Scaphocephalic girl of 11 years. 78 cubic inches." It is not scaphocephalic at all in shape. The sagittal suture is completely obliterated, but the parietal bones are amply developed, the cranium being normally high at the vertex, and widest at the lower edge of the parietal bones, which no doubt are elongated longitudinally. The forehead is ample, although the frontal suture is obliterated; while the occipito-sphenoidal suture is quite open, and the dentition makes it possible that the child has been even younger than alleged, for the milk molars and three milk canines have not begun to come away, and the permanent and the lateral incisors are just coming in. The first permanent incisors, it may be remarked, are strongly marked with syphilitic ridges. The arch of the cranium is unusually enlarged for the age. The frontal bone, like the sagittal suture, shows tendency to premature ossification, the supra-orbital notches being already converted into foramina. There is an unhealthy cribrous condition of the maxillaries. It *may* be a girl, but in the absence of reliable history, I think it more probably a boy's skull.

31. **Young adult female.** Teeth very remarkably irregular. (Allen Thomson Collection.)

32. **Scotch female about 30,** from the rooms. (J. C.)

33. **Labelled "Celtic female," adult.** Presents a healed fracture of the nasal bones. (Allen Thomson Collection.)

34. **Adult, elderly,** sex unknown and doubtful. Orbito-nasal angle large. (Acquired by Thomson from Burns Collection.)

35. **Flat-roofed, Scotch looking, apparently male.** Lower jaw lost. Upper teeth ground smoothly. (Allen Thomson, from Burns Collection.)

36. **Old, flat, broad, elongated and low.** More marked in all these respects than 35.

37. **Labelled "Skull of an idiot of infantile character, age 27.** Condyles flat and depressed behind, 74 cubic inches. D. R.

Rankin, August, 1877." Deep brown as if from a peat bog. Looks as if belonging to a person of greater age than alleged. Lower jaw absent.

38. Labelled "**Skull of John Steel**, the Biggar spiritualist who committed suicide in 1793 in philosophic ardour to become a medium between Heaven, Hell, and the Earth. Occipital condyles peculiar, 93 cubic inches. D. R. Rankin, August, 1877."

39. **Male skull** mapped into the phrenological territories of the system of Gall and Spurzheim. Probably French (By Allen Thomson.)

40. A specimen with similar phrenological markings.

ANTHROPOID APES.

41, 42, 43. **Three casts of young orang skulls** without mandible. The first of them is very like the skull of the young chimpanzee skeleton prepared by A. Thomson, but Professor Thomson stated that they were orang. The skeleton referred to was certainly from a chimpanzee sent with another, which is still in a trough, in 1909.

44. **Cast of adult orang**, apparently male. (Allen Thomson Collection.)

45. **Skull of adult orang** from Borneo. Presented (1909) by Dr. Robertson of Sydney. Apparently female. Temporal ridges half an inch separate, while in the male 44, they are united in a single mesial crest. A number of teeth wanting.

46. **Skull of adult chimpanzee**. No mandible.

47. **Cast of skull of adult male gorilla** without mandible.

48. **Skull of adult male gorilla** presented by Dr. Th. Forrest in 1899.

CASE B.

BRITISH.

49 to 57 are skulls with open frontal sutures.

49. **A large brachycephalic male skull**, with the occipital aspect remarkably flat. Fronto-squamous sutures. (Sent by an old student's friends.)

50. Allen Thomson Collection, labelled Scotch female.
51. ,, ,, similar in form to 50.
52. Female, old and toothless. Dissecting room. (Mary Gordon.)
53. Old and toothless. Mandible wanting. Probably male.
54. Old, teeth not preserved. ,, No history.
55. Old, toothless. ,, ,,
56. Old, teeth not preserved. ,, ,,
57. Old, toothless. ,, ,, Note pterion on right side on fronto-squamous suture, on left side a wormian bone.
58. Male from dissecting room. Outer table of left side filed away to display venous channels.
59. Male. Jaws filed to show the fangs of the upper and lower teeth. Occipital condyles, each divided into a distinct anterior and posterior part separated by a distinct interval; the posterior parts flattened and prolonged into a concavity of rest.
60. Young child, with jaws cut open to show the rudiments of permanent teeth. First right upper true molar cut, the others not.
61. Young child, with jaws cut to show growth of teeth. First true molars in jaw, but not cut yet.
62. "Female, 17 years (1869). 75 cubic inches." (Allen Thomson Collection.)
63. Female, young adult (1881). Has got 5 upper incisors, 2 right, and 3 left. (J. C.)
64. Female adolescent (1881). Wisdom teeth not cut. (J. C.)
65. Child. First molars all cut, frontal suture closed.
66. ,, ,, ,, ,, ,, Marked "Allen Thomson's Collection." 6 years. 82 cubic inches.
67. Child. Second molars coming. Frontal suture open. Marked "B," for Burns. Aet. 10 years. 90 cubic inches.
68. Child. First molars all cut. Frontal suture open.
69. ,, ,, ,, ,, closed. Cranium small. Orbits longer transversely than vertically. Maxillaries cribrous.

70. **Child.** First molars not yet appeared. Frontal suture closed. Cranial vault unnaturally large.

71. **Child.** First molars not yet appeared. Frontal suture open.

72. „ „ „ „ „

73. „ Teeth removed, as also mandible. First right bicuspid coming down. On right side socket for first molar very large towards surface; on left side well marked sockets for first and second molars. Bisected through vertex and foramen magnum.

74. **Infant in second year.** Upper and condylar portions of occipital united on left side, separated on right side. Opening made above right external auditory meatus to display attic and antrum, and tympanic plates cut to show malleus in position. Note on left side condition of floor of meatus, an unossified part being left in the middle.

75. **Infant in first year.** Mandible wanting. Upper milk teeth all *in situ*. Note tops of canines scarcely visible, the jaw must expand to let them down. Groove marking attachment of membrana tympani still close to superficial edge of tympanic plates.

76. Similar to 75, but mandible present, and two bones loose and injured.

77. **Infant, early in first year.** Parietals, especially the right, with numbers of circular deficiencies, probably indicative of hydrocephalus.

78. **Infant,** apparently at birth.

79. „ „ „

80. „ „ „ Mandible wanting.

81. **Fœtal skull,** apparently about 7 months. No mandible.

82. „ „ „ „ 6 or 7 months.

83. „ „ „ 5 months or a little more.

84. **Fœtal, left half,** „ 8 months.

85. „ „ 4 months.

86. „ „ „

87, 88, 89, 90, 91, 92. *Skulls placed on one wooden tray by Dr. Allen Thomson, and labelled "Scotch skulls of various ages in series."*

87. "Male of 21 years. 95 cubic inches."

88. "Female of 19 years. $18\frac{1}{2}$ cubic inches."

89. Child, with temporary range of teeth and first permanent molars. (Some of the teeth have been put in mistakenly.)

90. Is of same apparent age as 89.

91. First molars, not yet appeared.

92. At birth.

93. Child's cranium, imperfect, with face bones removed.

94. Male skull, with sections to show maxillary sinus, a frontal bone devoid of frontal sinus, also sections of right temporal bone. (The nasal cavities, etc., have been subjected to rough treatment.)

95. Male skull, with mandibles and temporals removed, and with sections to show frontal and maxillary sinuses.

96. Male skull, from dissecting room. (J. C.)

97. Similar to 96.

98. Another male skull, from dissecting room. An os triquetrum separates the parietal from the great wing of the sphenoid on both sides. Mandible not kept.

99. Another male, from dissecting room. No mandible.

100. " " " " "

101. Aged, toothless. "100 cubic inches." (Allen Thomson Collection.)

102. Aged, toothless. (Allen Thomson Collection.)

103. " " " " "

104. " " Massive. No mandible. (J. C.)

105. Aged male, with ground teeth. (Allen Thomson Collection.)

106. Aged. No mandible. No history. Has its greatest breadth between the mastoids. A character peculiar to idiots and very low race varieties.

107. Bisected longitudinally. History unknown.

108. Bisected transversely through vertex and foramen magnum.

109. **Aged male.** Very massive. No mandible.
110. **Skull** which has formed part of an articulated skeleton of child. Upper jaws gone. Atlas attached.
111. **Evidently a churchyard specimen—a boy's skull.**

CASE C.

112. **Mummified skull** (imperfect), from Island of Ascension, with black asphalt-like substance adherent to face, and ornamented with mother of pearl.

113. **Head of New Zealander**, with dried tatoored skin and the hair left on.

AFRICAN.

114. **Skull of Bosjes female.** "Killed 1863. J. B. R. 64 cubic inches." (Allen Thomson Collection.)

115. **Cast of face of Bosjes man.** (Allen Thomson Collection.)

116. „ „ „ **female.** „ „

117. **Aged Hottentot.** "76 cubic inches." (Allen Thomson Collection.)

118. **Kaffir.** "Supposed to be a Gaika who fell in the rebellion." (Dr. John J. Brownlee, 1884.)

119. **Kaffir.** Very similar to 118. History unknown.

120. "**Barolong.** Kaffir skull, Bechuanaland. (Alfred Peterkin, M.B., C.M., donor, 1880.)"

121. **Marked "Zulu** killed at the battle of Sandhllwana, Jan., 1879." (Alfred Peterkin, M.B., C.M., 1886.)

122. **Marked "Zulu."**

123. **Marked "Negro male,** 1865. 50 cubic inches." (Allen Thomson Collection.)

125. **Negro.** (Allen Thomson Collection.)

126. **Negro,** 1886. 89 cubic inches. (Allen Thomson Collection.)

AMERICAN.

127. **Bones of aged Newfoundland Indian**, from a grave lined with birch bark. Head of left femur much affected with chronic arthritis. (Presented by Mr. Robert Grieve through Dr. Walker.)

AFRICAN.

128. **Negro.** 86 cubic inches. (Allen Thomson Collection.)

129. "**African negro.** $80\frac{1}{2}$ cubic inches." (Marked H. Hamilton?) Broad nasals. Has it been from West Africa?

130. **Negro, apparently 20 years.** From body dissected in rooms. The pelvis is preserved. Probably been a slave. 1886. Broad nasals.

131. **Negro.** Marked "Old Calabar, from Dr. Simpson. 67 cubic inches." Broad nasals. Mandible wanting. (Allen Thomson Collection.)

132. Marked "**Ashantee. J.**" (Jeffrey?). "19 years. 85 cubic inches." Broad nasals. Mandible wanting. (Allen Thomson Collection.)

133. Marked "**Ashantee** Slain 11th July, 1824. Cape Coast Castle, 15th June, 1827. R. A. 75 cubic inches." Broad nasals. Mandible wanting.

134. **Negro.** Mandible wanting.

135. "**Kaffir female.**" From Mr. Alex. Forsyth. 73 cubic inches. Mandible wanting. (Allen Thomson Collection.)

136. **Negress.** (Allen Thomson Collection.)

137. **Negress.** From Dr. Rankin of Carlisle. (Allen Thomson Collection.)

138. "**Mulatto.** $75\frac{1}{2}$ cubic inches." (Allen Thomson Collection.)

AMERICAN.

139. **Inca**, with part of the asphalt-smeared scalp lying on it.

140. **Young skull** dug up in Mexico "near the city." Obtained by purchase, and presented by J. K. Caird, LL.D. Second molars not quite up. First bicuspid fully grown. Second milk molars still in position. Age perhaps 8 years. No appearance

of great antiquity in the condition of the bones, which are completely preserved. A row of occipito-parietal wormian bones, and a pair of sphenoparietals. Looks as if it might be of European ancestry. But it is to be noted that the teeth preserved are strong and smoothly ground in the case of the milk molars and first true molars.

141. From Utah, Indian, Plum Creek. Obtained by purchase, and presented by J. K. Caird, LL.D. Note teeth much ground, external pterygoid plate greatly expanded.

142. "From mound on Blue River, Pike County, Illinois. Exhumed 1840. S. G. Morton."

143. "**Carib.** 70 cubic inches." Artificially deformed by pressure in front and behind, leaving the parietal region free laterally; probably compressed between two boards.

144. "**American Indian.** 90 cubic inches." Bears the letter J (Jeffrey), and in writing "R. Morison."

145. **Scioux of Brulé tribe.** Presented to me by Professor Huntington of New York. (J. C., 1893.)

146. "**Kla to Ket.**" From Principal Barclay, January, 1871. 70 cubic inches. (Allen Thomson Collection.)

147. **North American Indian.** Artificially compressed conically by bandaging.

148. **Esquimau.** 89 cubic inches.

149. **Esquimau skull,** dug up at Admiralty Inlet by Mr. George Nae, and presented by him, November, 1894. (J. C.)

NEW ZEALAND.

150. **Maori female.** 81 cubic inches. No mandible. (Allen Thomson Collection.)

151. **Maori female.** From Dr. Guthrie, 1882.

152. **Maori male.** No mandible. From Dr. Guthrie, 1882.

153. " " " " "

154. "From a cave used as a burying place near Auckland." From Dr. Sinclair, December, 1856. $76\frac{1}{2}$ inches. (Allen Thomson Collection.)

155. **New Zealand.** From Mr. John Guthrie, 1872. (Allen Thomson Collection.)

156. **New Zealand.** From Mr. John Guthrie, 1872. 88 cubic inches. (Allen Thomson Collection.)

157. **New Zealand.** 85 cubic inches. No mandible. (Allen Thomson Collection.)

158. **New Zealand.** 95 cubic inches. No mandible. (Allen Thomson Collection.)

159. **Maori,** Picton District, South Island, New Zealand. From C. V. Coats, 1904. No mandible.

160. **Maori.** Presented by Dr. Wm. Morison.

161. **Male skull.** History unknown. Of heavy make, forehead depressed across the middle by bandaging. Closely resembles a skull in the Anatomical Collection of University of Edinburgh, which used to be labelled "Carib." No mandible.

CASE D.

PACIFIC ISLANDS.

(Group with 223-234.)

162. **Kanaka, Sandwich Isles.** Male, aged about 20 (probably considerably more). 83 cubic inches. (Allen Thomson Collection.)

163. **Kanaka, Sandwich Isles.** Female, marked "aet. c. 25." 85 cubic inches. (Allen Thomson Collection.)

164. **From Maskelyne Island,** Mallicolo group of New Hebrides. Got from Dr. Crombie by Dr. Maitland Ramsay, 1909. Remarkably artificially compressed on the forehead and sides. Compare with 234.

165. **Skull of Mallicolo Islander,** male. From Dr. David Blyth, 1892. A remarkably well-shaped skull. Remarkable cribrous disease of back part of parietals and upper occipital region. Nearly the whole of the part of the occipital region above the level of the tuberosity is formed by a single mesial bone.

166. **Skull of Mallicolo Islander,** female. Milk molars unshed. Spheno-occipital suture still open. From Dr. David Blyth, 1890.

NORTHERN AND EUROPEAN.

167. "**Labrador Chief.**" From Mr. Bendal, Newfoundland, 1874. 97 cubic inches.

168. No history. A large massive male skull with ground teeth, base of skull broken up. Strong mandible, with good mental prominence. Dolichocephalic. "84 cubic inches." Probably Scandinavian. (Allen Thomson Collection.)

169. "**Skull of Russian soldier** shot at Balaclava." Imperfect. (Allen Thomson Collection.)

170. Similar in character to 168. Marked "B" (Burns). (Allen Thomson Collection.)

171. **Portuguese.** Probably female. From Dr. Mackay.

172. **Portuguese.** Male. From Dr. Mackay.

173. **Maltese.** "From Prof. Ramsay." (Allen Thomson Collection.)

174. **Two skulls** (without face bones). "From ancient burying-place, Malta." From Prof. Ramsay. (Allen Thomson Collection.)

EUROPEAN.

175. "**French sailor.** Killed himself by pistol-shot in the harbour. A. T., 1851. 79 cubic inches."

176. **Apparently French.** Section made laying open frontal sinus. "70 cubic inches."

177. **Apparently French preparation.** Vertical transverse section. Open frontal suture.

178. "Brought from Tours or Orleans by Dr. Gentles. Given by P. G. Stewart, 1872." Low, heavy, dolichocephalic. Note the condyles. "92 cubic inches."

179. **Marked "German female."** "79 cubic inches." (Allen Thomson Collection.)

180. **Marked "German."** "86½ cubic inches." Open frontal suture. Broad and high. Brachycephalic.

181. **Uncertain.** "82 cubic inches." Open frontal suture. (Allen Thomson Collection.)

182. "**Greek.**" 77 cubic inches. Brachycephalic conformation. (Allen Thomson Collection.)

183. **Italian boy.** Organ grinder. Aet. 17. Squamous suture partially obliterated, and top of head somewhat depressed as if by pressure of organ strap. (J. C.)

CHINESE AND TARTARS.

184. "**Amoy Chinese.** From Dr. A. E. Anderson, 1878, Singapore." Mandible wanting.

185. "**Chinese** (Tartar race). From Dr. J. Ivor Murray. $70\frac{1}{2}$ cubic inches." Open frontal suture. (Allen Thomson Collection.)

186. "**China,** 1869. 78 cubic inches." „ „

187. „ „ 94 „ „ „

188. „ „ From Dr. J. Ivor Murray. 90 cubic inches. (Allen Thomson Collection.)

189. "**China,** 1869. From Dr. Ivor Murray. 80 cubic inches." (Allen Thomson Collection.)

190. "**China,** 1869. From Dr. Ivor Murray. 93 cubic inches." (Allen Thomson Collection.)

191. **Apparently Chinese.** History unknown. No mandible.

192. **Chinese,** from Singapore. Presented by Wm. C. Mackie, 1903. No mandible.

193. **Mongolian.** Possibly Turk. No history. Deep prenasal fossa. No mandible.

194. **Turk,** Stamboul. From Dr. Aitken. No mandible. (Allen Thomson Collection.)

195. **Bashi Bazouk.** From Dr. Aitken. 78 cubic inches. (Allen Thomson Collection.)

196. History unknown. Marked by me as Tartar. No mandible. Frontal suture open. (J. C.)

197. "**Calmuck Tartar,** from Vervay. By Dr. Jackson Hooker." No mandible. 80 cubic inches.

198. **Chinese.** History unknown.

OLD REMAINS.

199. On mahogany stand. Imperfect skull of large size, well filled out. Bears label partly unreadable, but containing "Kertch. From Mr. F. Green, 1856. A. T." See paper by von Baer on 'Gigantic Skulls from Kertch.'

200. Two skulls set up on one board. Bearing inscription "Two Egyptian skulls from an excavation near the Pyramids, given me by Thomas Thomson." One is marked Egypt. catac. 84 inches, and the other Egypt. catac. 87 inches. (Allen Thomson Collection.)

201. Dilapidated skull of an old man. Broken in many places, and put at one time carefully together. Apparently from a peat bog. Note the earth in the ears.

CASTS.

202. Cast of skull of King Robert the Bruce. Carefully taken (under the supervision of Dr. Sharpey I believe) at the exhumation of the grave in front of the high altar at Dunfermline Abbey. A tall skeleton was found with the ribs cut so as to allow the heart to have been removed. My information is from the lips of Prof. Allen Thomson. Note the teeth, the lower jaw, and the old age form of skull. (J. C.)

203. Cast of cranium of Robert Burns. The exhumation was made in the presence of Dr. George Combe. Presented by Professor Murdoch Cameron.

204. Cast of face and greater part of head of Napoleon Bonaparte. The mould was taken by the doctor at St. Helena, and came into the possession of Professor Windle, who presented this cast. The bronze at the Mint in Paris is taken from the same mould. (J. C.)

205. Cast of an ancient Briton's skull. The same apparently as was described and photographed by Mr. Galloway from a stone cyst in one of the Western Isles.

CASE E.

AUSTRALIAN.

206. "South Australian. 70 cubic inches." No face bones. Preserved section showing absence of frontal sinus. (Allen Thomson Collection.)

207. "**South Australian.** 78 cubic inches." No face bones. (Allen Thomson Collection.)

208. "**Aboriginal Australian.** Age 26. Sodoon tribe. From Dr. J. M'Intyre, June, 1865. 82 cubic inches." (Allen Thomson Collection.)

209. "**South Australian.** 71 cubic inches." (Allen Thomson Collection.)

210. **South Australian.** From R. Douglas. 87 cubic inches. (Allen Thomson Collection.)

211. "**South Australian Female.**" Head of M'Leay River. No mandible. From C. M'Kellar. $64\frac{1}{2}$ cubic inches. (Allen Thomson Collection.)

212. "**Murray Black,** N.S. Wales. 61 cubic inches. From Miss E. Holms." No mandible.

213. **Australian.** From a student. Apparently female. Has frontal sinuses, as shown by a section. Malar arch slender.

214. **Australian.** Imperfect, very heavy. Found in the bush not far from Port Augusta, South Australia. No mandible. From Professor M'Kendrick.

MALAY AND ISLANDERS.

215. **Malay.** From Dr. A. F. Anderson, Singapore, 1878.

216. **Malay.** ,, ,, ,,

217. **Malay.** 79 cubic inches. (Allen Thomson Collection.)

218. **Dyak.** From boundary of Sarawak, Borneo. No mandible. Presented by Dr. Robertson of Sydney, 1909.

219. **Veddah,** Ceylon. Woman, age 22, name given, mother of two children. From Professor M'Kendrick.

220. **Veddah.** Man, aged 25, name given. From Professor M'Kendrick. Cribrous degeneration and growth in roof of both orbits.

221. **Andaman Islander.** 75 cubic inches. No mandible. (Allen Thomson Collection.)

222. **Andaman Female,** young. 3 upper milk molars not yet cut. No mandible. 70 cubic inches. (Allen Thomson Collection.)

223. **Samoan Male.** 85 cubic inches. (Allen Thomson Collection.)

224. **Samoan Male.** 87 cubic inches. (Allen Thomson Collection.)

225. **Salomon Islander.** Skull presented by Commander Balfour, R.N., who got it in 1893 from Captain Guy, a trader, who was taken and eaten by the natives in the following year. A splendid well-developed skull with huge malar arches. No mandible.

PACIFIC ISLANDS, SOUTH.

226. **From the Hope or Sacred Islands off the north coast of New Georgia.** Island devoted to sepulture. From Commander A. F. Balfour, R.N., 1895.

227. **From the Hope or Sacred Islands off north coast of New Georgia.** From Commander A. F. Balfour, R.N., 1895.

228. **From Island off Kulambanga.** Much less savage looking than the three previous skulls. Possibly female. Open frontal suture. From Commander A. F. Balfour, R.N., 1895.

229. **Sulu Islands.** Presented to Dr. Cleland by Prof. R. O. Cunningham. Described by Dr. Cleland in *Jour. Anat. and Phys.* Bisected. Cribrous degeneration in roof of both orbits.

230. **Native of St. Augustin's Island** in the Ellice group. 91½ cubic inches. (Allen Thomson Collection.)

231. **Fijian.** From Dr. David Blyth, 1892.

232. **Samoan.** 96½ cubic inches. (Allen Thomson Collection.)

233. **Native of New Ireland.** From J. G. M. Smith, 1885.

234. **Cranium,** face removed. From Bismarck Archipelago. From C. V. Craster, F.R.C.P.E., 1904. Mark of damage to left frontal, said to be caused by trephining by natives. Forehead probably artificially flattened. Compare with 164.

INDIA.

235. **From Assam.** Male, aged 27, given by Gordon Swinley, Esq., 1896, to Dr. Cleland. No mandible.

236. **From Assam.** Male, aged 29, given by Gordon Swinley, Esq., 1896, to Dr. Cleland. No mandible.

237. From Assam. Male, aged 20, given by Gordon Swinley, Esq., 1896, to Dr. Cleland. No mandible.

238. From Assam. "Male, aged 16." No mandible. Given by Gordon Swinley, Esq., 1896, to Dr. Cleland. Evidently younger than alleged. Milk molars not cast, spheno-occipital suture open. Cribrous roofs of orbits.

239. From Assam. Female, aged 3. No mandible. Fronto squamous contact. Given by Gordon Swinley, Esq., 1896, to Dr. Cleland.

240. From Assam. Aged male. Given by Gordon Swinley, Esq., 1896, to Dr. Cleland.

241. From Assam. Elderly male. Given by Gordon Swinley, Esq., 1896, to Dr. Cleland.

242. From Assam. Male, 78 cubic inches. (Allen Thomson Collection.)

243. **Hindu.** 78 cubic inches. No mandible.

244. „ Marked "J." (Jeffrey). 78 cubic inches. No mandible.

245. **Hindu.** Marked "Nana Sahib." 77 cubic inches. No mandible.

246. **Hindu.** Marked "B." (Burns). 71 cubic inches. No mandible.

247. **Hindu.** "Low class, up country." From Dr. Arch. Young.

248. **Mohamedan Indian.** From Dr. Arch. Young.

249. „ „ „ „

250. **Pauper Mohamedan Indian female,** up country. From Principal Mackay, 1897.

251. **Low caste up country Hindu.** From Principal Mackay, 1897.

252. **Santal.** Presented by Dr. Macphail, medical missionary working among that tribe, which is a primitive one, keeping by itself in Bengal. Note, frontal suture open, and frontal breadth nearly as great as the parietal, but the whole skull elongated and narrow.

253. From Calcutta, I.

254. „ II.

255. „ III. Chinese? No mandible.

256. „ IV.

257. „ V.

258. „ VI.

} From dissecting room,
Calcutta. Got from Mr.
MacCulloch, afterwards
in the Indian Medical
Service.

259. Up country Hindu. From Dr. Arch. Young.

260. Low class Mohamedan. „ „

261. Low class Hindu (Bengalee prostitute). From Dr. Arch. Young.

262. Low class Mohamedan male of Bengal. From Dr. Arch. Young.

263. Low caste up country Hindu male. From Dr. Arch. Young.

264. Low class Mohamedan male. From Dr. Arch. Young.

265. Laskar. $78\frac{1}{2}$ cubic inches. (Allen Thomson Collection.)

266. Indian who died in Natal. Presented to Dr. Cleland by Mr. J. G. Campbell. No mandible. Upper part of occipital region formed by three large wormian bones.

267. Burmese criminal (1). From Dr. J. Y. Mackay, 1885.

268. „ „ (2). „ „ „

269. „ „ (3). „ „ „

NOTE.—267 has a dolichocephalic occipital, 268 and 269 have brachycephalic occipitals.

270. A photograph bearing on the three foregoing skulls. “The three skulls placed above are Dacoits crucified in the manner photographed,” viz. impaled and tied up with the limbs outstretched. From Dr. Mackay.

271. Cast of a young skull with brachycephalic occipital. Reminds one of Blumenbach’s skull of Caucasian girl. No history.



272. **Skull from Cyprus.** Picked up by C. B. Horsburgh, Esq., and presented through Dr. Hutton. The back part of the foramen magnum has rough facets grown on it by habitual contact with the posterior arch of the atlas. The expanded part of the occipital bone behind the foramen magnum turns upwards in the manner typical in brachycephalic skulls. The forehead is poorly developed. Altogether it seems probable that the skull has belonged to a hunchback.



